

From owner-qrp-1@netcom.com Wed Oct 19 11:39:18 1994
Date: 19 Oct 94 07:20:21 EDT
From: "Judy L. Schnabolk" <73043.1704@compuserve.com>
Subject: 20W Linear (SSB/CW/AM) Amplifier Kit For Sale
Message-Id: <941019112020_73043.1704_GHB35-1@CompuServe.COM>

Ramsey 20W Linear (SSB/CW/AM) Amplifier Kit.

Includes printed circuit board, power and RF input/out jacks, on/off switch and all board mounted components and manual. You supply enclosure (if needed) and 12V power.

Features include:

Push/pull circuit using power FET's. 1/2 to 2W input, 10 to 20W output.
Note: 20 watts is only about 1 S unit below a 100 watt rig.

Built in T/R relay automatically switches between receive and transmit.

Broadband design. PCB includes circuitry for 1 low pass filter (20M or specify band of choice). Note: You can easily make into a multiband power amp by adding a band switch and additional low pass filters.

Price is \$35 shipped via 2 day US priority mail.

Reply via email: 73043.1704@compuserve.com

Ed W1AAZ

From owner-qrp-1@netcom.com Wed Oct 19 22:45:44 1994
From: rheiss@tuba.aix.calpoly.edu
Date: Wed, 19 Oct 1994 13:40:48 -0700
Message-Id: <9410192040.AA42851@tuba.aix.calpoly.edu>
Subject: Re: diode on FET gate

A diode clipper would limit the gain and the oscillation level by loading down the tuned circuit, destroying its Q. That's probably not what you want.

Usually the gate diode is combined with a blocking capacitor and a "leak" resistor to form a clamper. A negative DC voltage develops on the gate and serves as AGC for the oscillator. Note that the gate of a JFET with no source resistor would also conduct and form a clamper. As either the gate or the diode approach conduction, there is rapid change in the junction capacitance which affects the phase of the tuned circuit and generates harmonics. The diode capacitance might be an order of magnitude smaller so letting the diode do the work could reduce harmonics.

Instead of depending on the clamper, it's possible to bias the FET using a bypassed source resistor. Since FETs are slightly nonlinear, it is possible with careful adjustment of feedback or bias to stabilize the oscillator at a lower power level with no gate conduction. FETs vary a great deal so you might want to have a trimmer adjustment for the bias or feedback.

Another way to stabilize oscillator is to limit amplitude in the output circuit (non Class A) as in bipolar transistor oscillators. The phase noise could be better than a low power Class A circuit, but you need to do something (filter, clipper, or push-pull limiter) to fix the ugly waveform before sending it to a mixer or antenna. Most single-transistor QRP rigs are of this type. However, most amateur VFOs run Class A because they are optimized for low drift (low power level) and harmonics rather than low noise and high output.

Robert Heiss

From owner-qrp-1@netcom.com Wed Oct 19 03:28:32 1994
From: N9DD@aol.com
Date: Wed, 19 Oct 1994 00:16:38 -0400
Message-Id: <9410182317396554166@aol.com>
Subject: Fall QSO Party

Well, I had a blast! With my wife out of town, I was free to spend the whole weekend down in the hamshack without feeling guilty. All I had to do was check every once in a while to see that my 3 boys weren't killing each other and make sure they got a meal or two :-)

I had intended on running single band - 20 Meters with my NN1G xcvr as I did last year. After 20 died down Saturday night though, I couldn't resist checking out the other bands and ended up putting my tired old TS-520 into use on 40 and 80 meters. It hasn't put out the power it should for months anyway, so I cranked down the drive and set it for about 2 watts out (measured on my just completed OHR WM-1 wattmeter).

My antenna is a rather low 80 meter dipole, fed with ladder line and an MFJ tuner.

I didn't do as well as I had last year on 20 meters (conditions weren't quite as good this year, were they?) but I had lots of fun on 40 and 80. I worked K7YHA, N8CQA, WA3MCQ, and a few other of the "famous" QRPers, but only heard KF8EE and NN1G answering others. It would have been nice to catch them sending CQ.

Here's my scoring rundown:

Band	Points	S-P-C
80M	135	18
40M	210	21
20M	127	17

Totals pts 472 X Total SPC 56 X Pwr Mult 7 = 185,024

With WD9CTB also in Indiana, I probably won't take the state, but I had lots of fun anyway. I can't wait till the next one!

72, Tom N9DD

From owner-qrp-1@netcom.com Wed Oct 19 15:04:08 1994
 Date: Wed, 19 Oct 94 10:16:06 -0500
 From: adams@chuck.dallas.sgi.com (chuck adams)
 Message-Id: <9410191516.AA08885@chuck.dallas.sgi.com>
 Subject: Ferrite Beads

Gang,

I mentioned in a posting a while ago that I add a ferrite bead to the base lead of the final PA in the QRP rigs that don't already have them or specify them. The function of the bead to provide a high impedance for high frequencies such as parasitics and wild oscillations.

The material that I try to use is #43 as specified by Amidon Associates, P.O. Box 956, Torrance, CA 90508 in their catalog, which if you don't have you should send them a request and a couple of stamps or a buck to cover their postage, etc. The thing is a very large sheet folded to make up 24 pages of graphs, charts, and text. Well worth having for any experimenter and ham and you certainly can't complain about the cost. This document answers a lot of questions we all see over and over from others who haven't used toroids or beads before. The last one I have is dated 1990, so I assume that the address still works, though in the back of mind I remember something recently about someone buying out someone else. You guys/gals can straighten me out on this one.

Going back to the #43 material. It has low impedance below 8MHz then increases to a max around 100 to 200MHz. If you get a bead made of #73 or #75 material, and it will be difficult to see or measure differences for the average equipped ham shack, then you'll probably be in trouble with the resulting PA circuit.

I have an A&A Engineering Spectrum analyzer now and will try

to get around to measuring exactly what the results are by adding the bead. Others may have already done this or have QUANTATIVE data to support the effects on spectral purity of the resulting output, with and without the bead. Milage will probably vary significantly.

I also add 33V Zener from collector to ground (1/2W to 1W) to give some protection to final PA if I happen to key into a vacuum or high SWR where the resulting voltage may puncture the junction within the transistor and terminate it's life in short order. Things like the 2SC799 are in short supply. :-)

I never operate a rig without a five pole Cheby filter on the final PA. A three pole filter just doesn't give enough filtering for the higher harmonics for me. It's probably legal but I want the additional filtering and the extra coil and cap are cheap insurance.

dit dit

SIG

Chuck Adams K5FO CP-60

adams@sgi.com

From owner-qrp-1@netcom.com Wed Oct 19 22:15:19 1994

Message-Id: <199410191931.AA01792@halcyon.com>

Date: Wed, 19 Oct 1994 12:32:05 -0700

From: xenolith@halcyon.com (Kevin Purcell)

Subject: Re: Ferrite Beads

>I mentioned in a posting a while ago that I add a ferrite
>bead to the base lead of the final PA in the QRP rigs
>that don't already have them or specify them. The
>function of the bead to provide a high impedance for
>high frequencies such as parasitics and wild oscillations.

One caveat is for using ferrite beads on the gate on a power MOSFET. Wes Hayward (and Roy Lewallen?) wrote up a Technical Correspondance for QST in the late 1980s showing that adding the bead could make the PA unstable! They suggested using a low value resistor as a Q killer as the preferred solution (though this would not apply to low Z bipolar circuits).

73

Kevin Purcell N7WIM / G8UDP
Seattle dBug Mac Developers SIG organiser

xenolith@halcyon.com 206/649-6489
kevinpu@atm.com

From owner-qrp-1@netcom.com Wed Oct 19 11:21:29 1994
Date: 19 Oct 94 08:03:31 EDT
From: Craig LaBarge <74740.3166@compuserve.com>
Subject: Fox Hunt
Message-Id: <941019120331_74740.3166_EHB64-1@CompuServe.COM>

Despite K5F0's gracious offer to be the fox for a second nite (due to the confusion of the UTC-challenged like me). I wasn't able to hear him. I listened from 0100Z - 0200Z, heard a few 5-land stations, but no fox.

Although I didn't find the fox, I *did* find Radio Moscow while searching the lower end of the Novice subband. Does that count? :-)

73, Craig WB3GCK
74740.3166@CompuServe.com
Just say NO to QRO!

From owner-qrp-1@netcom.com Wed Oct 19 14:00:39 1994
Message-Id: <199410191455.JAA11638@harbor.ecn.purdue.edu>
From: Duane P Mantick <wb9omc@ecn.purdue.edu>
Subject: Re: Fox Hunt
Date: Wed, 19 Oct 1994 09:55:22 -0500 (EST)

>
> Despite K5F0's gracious offer to be the fox for a second nite (due to the
> confusion of the UTC-challenged like me). I wasn't able to hear him. I
> listened from 0100Z - 0200Z, heard a few 5-land stations, but no fox.

Which seems like a good time to remind folks of the existence of WWV and WWVH, which tell us what the UTC time is every minute or so, amongst other things. 24-hr. clocks are cheap these days, and even Radio Shack has clocks with nice big LED digits for not a lot of cash that you can set using WWV, and will stay fairly accurate - at least well enough for ham purposes.

I might add, it is amusing to see the rather wide variations in UTC times I see on the returning QSL cards compared to what I logged. I know I check my UTC clock for accuracy against WWV about once a month, and usually only find a few seconds variation. How some people let theirs get off by 10 or 15 minutes, well.....maybe they just weren't paying attention. :-)

>
> Although I didn't find the fox, I *did* find Radio Moscow while searching
> the lower end of the Novice subband. Does that count? :-)

Considering that Radio Ma'sCow used to radiate enough power that

you could pick them up using your dental fillings and a piece of wet string, I'd say not. :-) (In fact, you could probably disable half the front end of a receiver and still hear them..... :-))

Duane
wb9omc

From owner-qrp-1@netcom.com Wed Oct 19 22:49:10 1994
Message-Id: <9410191846.AA0116@bobeawatson.ibm.com>
Date: Wed, 19 Oct 94 14:42:21 EST
From: "Robert E. Easton" 8-862-3241" <bobeawatson.ibm.com>
Subject: Re: Fox Hunt

> Considering that Radio Ma'sCow used to radiate enough power that
>you could pick them up using your dental fillings and a piece of wet
>string, I'd say not. :-) (In fact, you could probably disable half the
>front end of a receiver and still hear them..... :-))

My JRC general coverage receiver receives the R.M. signal at 7.110, in FM mode, with absolutely NO antenna attached, for 20 over 9. They Do QSL, but they won't mark the card 2 way A1A. :-)

73 Bob - N2IPY

From owner-qrp-1@netcom.com Wed Oct 19 13:51:00 1994
Date: Wed, 19 Oct 94 08:35:32 -0500
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9410191335.AA08709@chuck.dallas.sgi.com>
Subject: Fox Hunt part 2

Gang,

Got on again last night. We never said this was going to be easy. As QRPers we understand all the handicaps we start with and we go from there.

I started out at 7.115 or so. At 7.105 there is a very very strong AM Broadcast station that was rock steady all evening. Goes to show that anybody can do it with 25KW or so of power.

As best I can tell, the skip was very short until 0300Z and then it went extra long. Didn't seem to be a gradual shift either for a long period of time like there usually is.

TIME	STATION	FREQ	HIS_RST	MINE	Comments
0229	W5YM	7.115	599	579	Russ Fayetteville, AR (not in callbook)
0239	N50DV	7.040	579	559	John Littlerock, MS
0246	WA4NID	7.040	449	499	Dave Durham, NC

After that all I heard was VE1s and VE3s and noone was very strong.

I think Dave was the only internetter from the QSOs and comments during same.

Stan will be on next week, Thursday nite USofA time. Watch for posting on Friday. After that I will K5F0/6 and K5F0/4 for the next four weeks. Taking the NE40-40 on the road with me to CA and Sierra to FL. I'll be checking the mail as 700+ messages per week would be too much not to keep up with and wait until I got back.

It was funny about Russ, W5YM. As I was talking to him I brought up the QRZ CDrom on the SGI workstation and queried for his call and got no return. I find it hard to believe that the FCC would go back and reissue a call from that time period. It may be someone using a unused slot in the FCC database. Time will tell if I get a card from him. I QSL 100%. I got a card the other day from W7Z0I for a qso we had in 1988. Sometimes it takes time to get these things. :-)

cul es dit dit

SIG

Chuck Adams K5FO CP-60
adams@sgi.com

From owner-qrp-1@netcom.com Wed Oct 19 18:59:06 1994
Message-Id: <199410191915.AA29650@halcyon.com>
Date: Wed, 19 Oct 1994 12:16:32 -0700
From: xenolith@halcyon.com (Kevin Purcell)
Subject: Re: Fox Hunting

>I hope this doesn't end up as a double posting...but I send it
>originally very early in the morning and it still hasn't appeared
>on the exploder by 5 pm...so here goes about last night.

I noticed this with a couple of my mails recently -- they didn't appear for a couple of days.

Do we have problems or is netcom overloaded again?

Kevin Purcell N7WIM / G8UDP xenolith@halcyon.com 206/649-6489
Seattle dBug Mac Developers SIG organiser kevinpu@atm.com

From owner-qrp-1@netcom.com Wed Oct 19 18:59:23 1994
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: HW-8 price
Date: Wed, 19 Oct 94 12:52:16 EST5EDT
Message-Id: <1994Oct19.125216.2377@wb3ffv.ampr.org>

Alright, someone else commented publicly on the \$150 HW-8, so I'll make this comment in public, in addition to the e-mail I just sent: "Oh no, Mister Bill, looks like the HW-8 has entered the ranks of Collectibles!" Sad to see the price inching up like that--getting into the class of an antique instead of something to actually use, I guess. (Guess I'll hang onto my unbuilt HW-8 kit for another few years; could be a better deal than mutual funds!) 73 and Queue Our Pea DE WA8MCQ
--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Wed Oct 19 04:17:35 1994
Date: Wed, 19 Oct 1994 04:24:39 GMT
Message-Id: <199410190424.EAA03481@beretta.ramp.com>
From: aa7tq@ramp.com (Dave Kelley)
Subject: Re: HW-9 Recommended Mods

Congrats on the HW-9. Great rig! (obvious owner here)

If you want some good "stuff" to do to get your fingers in your new rig try checking out the Feb 88 73 Magazine and April 88 QST. There is enough there to keep anyone busy until summer.

Haven't tried any of the mods. My HW-9 is still factory (as factory as a kit can be) and still a little new to me. I'll try some of the mods later I'm sure. The notch filter looks good..and probably a keyer. I would only consider the Super Keyer II though...and for anyone who loves keyers this is a must have. I think it's in all the ARRL Handbooks so check it out. Under \$50 and does more than any keyer I've ever seen.

7.3

Dave, AA7TQ

(www.ramp.com/~aa7tq)

>Greetings All,

>

> I picked up an HW-9 with antenna tuner and power supply this last
>weekend at a local hamfest (won't tell you how much &^) and am digging
>thru the past issues of QRP-Qtrly for mods. I also ordered the HW-8 Mod
>handbook.

>

> Any recommended mods to pursue or stay away from?? Now if I only had
>the time.....

>

>72

>

>john

>

>-----

>John A. Evans, Capt, USAF

>VHDL/EDA Engineer

>N3Q00 Tech Plus !!!

>

>jaevans@clark.net

>-----

>Mother's Breast Milk - Baby's drug of choice !!

>-----

>

>

>

Amateur Radio Call: AA7TQ

Email addresses :City of Tempe - Dave_Kelley@tempe.gov

AzTeC Project - kelley@aztec.asu.edu

Main address - aa7tq@ramp.com

From owner-qrp-l@netcom.com Wed Oct 19 22:10:07 1994

Date: Wed, 19 Oct 1994 15:08:36 -0500 (CDT)

From: Jeff Gold <JMG@tntech.edu>

Subject: Index Labs

Message-Id: <01HIGQU289ZIAZTBOM@tntech.edu>

Hi,

each time this comes up.. I ask the same question and really
haven't received much of a response... I know the Index Labs is
suppose to be good on CW.. but haven't heard many positive reports
about its SSB functioning..heard about quite a number of problems
with the mike matching and such.. has anyone made very many SSB
contacts with this?

I use my Ten Tec Argosy II and Argonaut 509 for many many SSB contacts and SSB/mobile/qrp and they work extremely well. I would be very interested in the Index Lab rig if it did SSB well.

Have they got the keyer function in the chip working well?

73

Jeff, AC4HF

From owner-qrp-l@netcom.com Wed Oct 19 15:50:32 1994
From: JSPEER@sfasu.edu
Date: Wed, 19 Oct 1994 10:35:29 -0600 (CST)
Subject: Re: Index Labs QRP+???
Message-Id: <01HIGHKTNVYC003NSA@TITAN.SFASU.EDU>

>I've been reading really good things about the QRP+ transceiver from Index
>Labs in California. Anybody using one ? Are they finally shipping in quantity?

>

>Also, Somehow I missed the details on this NORCAL rig everybody talks about.
>What's the scoop? Spec sheets? Kits available?

>

>I have built 3 kits, Ramsey and Oak Hills. I've never made a contact on any
>of them, but make contacts with the MFJ ready-bought.

>

>Maybe I should stick to ready-made, but I just love homebrew. Just wish I
>could use what I build.

>

>John, N9NDH

>-----

>

>My Opinions are free, Advice will cost you

>

>John Fleming

>-----

>

I've been using one these past three weeks or so. My general impression is VERY positive. In fact, I'm wondering why I would ever want another hf transceiver. I haven't finished "formal" evaluation yet, though, so am not ready to write up a full-scale review.

I agree with you about the pleasure of home-brew, but think of the index labs rig as half transceiver and half lab instrument.

Incidentally, reports about the Oak Hills gear have been VERY good. If you're having trouble getting yours aligned or what have you, this group has

frequently proved very helpful.

Cheers & 72!

--

If RST > 519
Then cut_power;

Jim Speer, K5YUT
f_speerjr@titan.sfasu.edu

From owner-qrp-l@netcom.com Wed Oct 19 13:03:04 1994
Date: Wed, 19 Oct 1994 09:12:00 -0400 (EDT)
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: Index Labs QRP+??? (fwd)
Message-Id: <Pine.SV4.3.91.941019090934.24952B-100000@atl1>

My friend just called Index and they quoted him about two weeks on shipping.

Jim Stafford, W4QO RadioActive Schools(sm) -
Packet:W4QO@WA4BRO.#atl.ga.usa.na Internet: w4qo@america.net

>From: John Fleming <johnflem@popmail.mcs.com>
To: qrp-l@netcom.com
Subject: Index Labs QRP+???

I've been reading really good things about the QRP+ transceiver from Index Labs in California. Anybody using one ? Are they finally shipping in quantity?

John, N9NDH

My Opinions are free, Advice will cost you

John Fleming

From owner-qrp-l@netcom.com Wed Oct 19 14:57:17 1994
From: David Johnson <djohnson@acpub.duke.edu>
Message-Id: <199410190024.UAA01431@raphael.acpub.duke.edu>
Subject: NorCal and the Sierra
Date: Tue, 18 Oct 1994 20:24:00 -0400 (EDT)

Hi gang! This is a response to the several inquiries I received about the Sierra, following my recent rave review on this list.

The Sierra is a multiband HF CW transciever, designed for 1.5 to 2.5 w output on all bands. Covers 150 kHz

on each band. Bandswitching is done with plug-in modules. I think you need to be a member of the Northern California QRP Club to order one of these kits, so I give below some info on this club, which is known in 'shorthand' as NorCal. Not sure if any more kits are still available, but if not then there may be a second production run (?). I paid about \$160 for the basic unit without band modules, and ordered all five band modules available as complete kit units (for 80, 40, 30, 20, and 15m) for a grand total of about \$270 (so each band module was about \$22). Just saying these prices from frail memory - they aren't exact.

A previous project of the club was a monoband CW transceiver, the NorCal 40, and I heard of another run of these, in the form of the improved NorCal40a, to come shortly. I got a NorCal 40 partial kit and it is almost complete, so will report on that when it is finished.

The journal of the NorCal club is great! Called QRPP, it contains a wide range of both technical and operating news and info.

Membership in NorCal is free, but to additionally get a subscription to the journal QRPP, send \$5 to:

Jim Cates, WA6GER
3241 Eastwood Rd.
Sacramento, CA 95821

Checks and money orders should be made out to Jim Cates, and not to QRPP or NorCal. Be sure to include the following info: name, call, address (including city, state, zip), and optionally include packet and/or internet address.

Oh, and let me include a brief statement about the purpose of the club, from the page with the membership form from QRPP. The club was formed in June 1993 with the purpose of exchanging information and fellowship for and about QRP. To this end, members are encouraged to contribute to the journal.

I don't know about memberships from people outside the USA. They are probably welcome, but contact Jim for details.

Cheers, and 72.

Dave.

--

David W. Johnson	Power is no substitute for skill
Amateur Extra WA4NID	QRP ARCI 6546
email: djohnson@acpub.duke.edu	G-QRP 4864
packet WA4NID@KB4WGA.NC.USA.NA	NorCal 355

From owner-qrp-l@netcom.com Wed Oct 19 20:28:24 1994
Date: Wed, 19 Oct 94 14:33:03 MDT
From: torell@sicom.com
Message-Id: <9410192033.AA12695@sicom.com>
Subject: Pacificon

Is anybody going to tape record or otherwise document the golden words that will come from Wayne when he talks about his experiences with transceiver design? I would certainly appreciate it!!!

Kent Torell torell@sicom.com
(soon to have his advanced license issued by the FCC, I hope)

From owner-qrp-l@netcom.com Wed Oct 19 19:38:19 1994
Message-Id: <9410191727.AA25851@interval.interval.com>
Date: Wed, 19 Oct 1994 10:28:19 -0800
From: burdick@interval.com (Wayne Burdick)
Subject: Sierra Status

>Wayne,
>I'm still waiting for my Sierra!
>72/73 de ND3P
>Scott McLellan

Scott (and others),

Thanks once again for your patience, a trait QRPers seem to share. It will be worth the wait (money-back guarantee!). Meantime, here's the status report:

Jim Cates has shipped 2/3 of the Sierra kits. Next week he's off to England for ten days on family business, and while he's there he'll be hand-delivering a Sierra kit to Reverend Dobbs of G-QRP and SPRAT fame. (Wish I could be there!) When he returns, he'll ship the last of the kits. (By the way, those of you who are getting the last 1/3 of the kits will be benefitting from the experience of the first 2/3, who have supplied the material for two revisions to the manual addendum.)

Reminder: Hope to see all you locals at Pacificon in Concord, CA on

Saturday. At 11AM I'll be covering the history of my own romp through the difficulties of multiband transceiver design. Doug Hendricks will explain why local QRP clubs have mushroomed in popularity. We'll also have a hospitality suite with free food and drink (Yes!). We think Force Electronics will supply us with after-hours use of a tower and beam so we can play with all the QRP gear.

72,
Wayne, N6KR

P.S. -- I've had so few distress calls from Sierra owners that it's getting lonely. If you have serious trouble (or wild success), give me a ring at 415-592-2700 (evening/weekend), or 415-354-0928 (days).

From owner-qrp-l@netcom.com Wed Oct 19 16:44:34 1994
Date: Wed, 19 Oct 1994 12:01:06 -0700
From: dgf@netcom.com (David Feldman)
Message-Id: <199410191901.MAA20747@netcom10.netcom.com>
Subject: Ten-Tec 1208 kit arrives!

On return from lunch today, my chair contained a Ten-Tec 1208 kit.

Exactly 6 months and 15 days after sending the order in...

Some initial observations (pre-build):

The manual is very detailed and richly produced. At least on par with Heathkit, but with better graphics and print quality. There is a great color (red/grey/black) circuit board "x-ray view" page showing component placement and trace runs as seen from the top of the board. This manual is entirely more robust than any recent kit manual I've seen from other vendors. Just about "worth the price of admission"!

The build procedure includes several intermediate testing steps.

In skimming through the manual, it appears that you need to follow certain order of assembly due to some potential for mechanical interference. I would avoid just stuffing the board without following the step-by-step.

It looks like they went to some care to keep the internal point-to-point wiring consistent. Some tie-wraps are used to anchor internal wires (coax & power wiring) and there are some excellent drawings to help orient the wiring.

The PC board is double sided, but not plated through. The top side

of the board is just a ground plane, so the only top-board soldering that seems necessary is where a component is tied on both sides to ground. There is good silkscreening and solder masking.

The box is very nice looking, with excellent paint quality and silkscreened labelling on the front and rear. It should go well with the Argosy I.

There is a one page errata sheet included with three corrections, but they are all minor. There is also an errata in the manual in that the color board layout page (described above) included is the "REV A" layout, while a separate non-color layout is included elsewhere in the manual and is the "REV B" layout which is the actual board as shipped. The differences are minor and documented in the manual (not in the errata sheet).

The small parts came grouped in several plastic zip-loc bags with similar function parts together (all the diodes in one bag, resistors in another, etc.) (BYOS: Bring your own solder.) I did not inventory the parts yet, so don't know if something might be missing or incorrect.

I may not be the first person to actually build one of these due to some schedule conflicts, but if I get it going before anyone else posts build results, I'll advise.

73 Dave WB0GAZ dgf@netcom.com

From owner-qrp-l@netcom.com Wed Oct 19 17:03:53 1994
Date: Wed, 19 Oct 1994 15:08:30 -0230 (NDT)
From: Robert Gobrick <bgobrick@random.ucs.mun.ca>
Subject: V01DRB ARCI Contest Results
Message-Id: <Pine.3.87.9410191530.A3059-01000000@random.ucs.mun.ca>

----- Forwarded message -----
Date: Tue, 18 Oct 1994 10:04:07 -0230 (NDT)
>From: Robert Gobrick <bgobrick@random.ucs.mun.ca>
To: QRP List <qrp-l@netcom.com>
Subject: V01DRB ARCI Contest Results

INET Gang - Thanks to the INET gang that strained to hear me and work me during the ARCI QSO Party - lots of fun as the following news item details. I am going to send this in to Rich Fisher KI6SN for the QRP Quarterly Memembers' News column.

Thanks again Bob V01DRB (alias VE2DRB/WA6ERB)

Tale of Whoa - ARCI Contesting from Newfoundland

by Bob Gobrick VO1DRB/WA6ERB

What a bummer FALL 1994 QRP ARCI CW QSO PARTY. First I'd like to thank all the QRP stations that struggled to hear my "cod-tongue" whisper up here in Newfoundland. It's depressing hearing all the "hot" QRP contest stations racking up the Q's knowing that they are sitting in the heartland of North America. And these lousy band conditions - when will it ever end? Me - I just aim my antenna anywhere hoping to hear someone.

Oh I managed to work a few stations with my handicap. Let's see my WB2QAP ARCI Contest Logger program (nice job on the software Bruce - I got to play with the program a lot during the "dead" periods) says I made 139 contacts (82 being ARCI members) for 563 points, worked 4 Canadian Provinces, 30 states (no Californians) and only 12 countries (some were multiple contacts) for a score of 185,227. The highlight of my poor performance was when G-QRP member, Paul - G0BHI gave me a cheerful call from the African Canary Islands - ho hum.

Oh, sure you say, VO1DRB is just getting bored with that BIG QRP contest station. Well my new Oak Hills Research Classic Dual Bander is BIG (compared to my NORCAL 40) but I ran a handicap by only putting the switch in the 20 meter position. Since I had to go out Saturday night I decided that 20 meters would be enough for me since it goes dead after dark anyway.

Oh, and my antenna was a killer. Since the apartment I'm in doesn't allow for any fancy 6 element KT-34-XA's I had to throw up my MFJ Super Hi-Q Loop on the apartment balcony. Just wish I had some directivity to null out all that European QRM (except for those nice QRP stations in F,G,I,EA,GM,GI,ON,PA,CT,DJ,HP, and EA8 Africa who called).

OK, I did have some help. I programmed my MFJ 490X Menu Memory Keyer to call CQ while I computer logged in my Q's to WB2QAP's Logger program from my paper log. I had lots of time between contacts to play with the computer.

All in all it was a pretty boring weekend. I can understand all the lamenting I hear from other hams about how the propagation is the pits and how QRP power puts you at a disadvantage and how not having at least a dipole relegates you to the 2 meter band. I agree. I am not going to suffer through another poor performance like this again. Come the Spring ARCI CW QSO Party I'm going to make some changes. I'm going to really enjoy myself. I'm going to run QRPp.....

From owner-qrp-1@netcom.com Wed Oct 19 16:14:14 1994
Message-Id: <2ea4b3f4.pandora@pandora.uucp>
Date: Wed, 19 Oct 1994 13:51:47 +0800
From: "W. Daniel" <pandora!daniel>
Subject: Want to buy TNC

Hi Gang,

Does anyone here work DX on 2M. Seems that so far the discussion has been limited to HF DX mostly..

I am also looking to get a packet modem capable of 1200 baud. Any recommendations? Good ones? Anyone wants to get rid of a second hand one?

I may need some help buying an MFJ-1270C but I don't want to go the regular mail-order route, since MFJ has a backlog of almost 2 months usually. Anyway I can get it faster?

73,
Daniel

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| Daniel Wee | daniel%pandora@csah.com |
| UUCP1.12b | daniel.wee@f516.n600.z6.fidonet.org |
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** It is great wisdom not to rush into action nor
obstinately hold our own opinions ** Thomas A Kempis